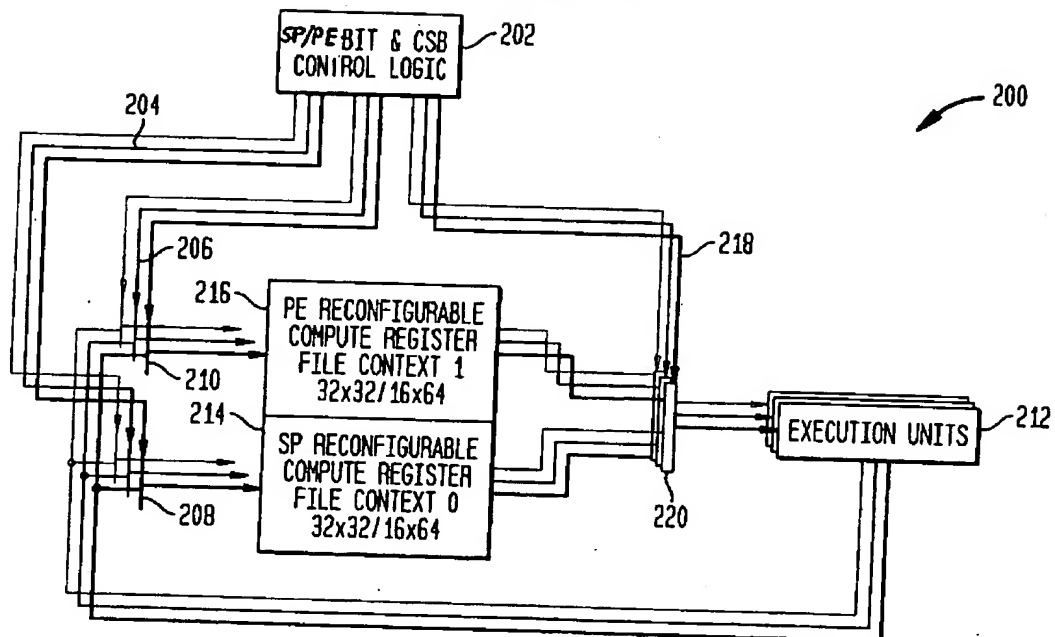


SERIAL NO.: 10/761,564
PETER H. PRIEST (919-806-1600)

Replacement Sheet

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FIG. 2



SERIAL NO. : 10/761,564
 PETER H. PRIEST (919-806-1600)

Replacement Sheet

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FIG. 3

MANARRAY ARCHITECTURE INSTRUCTION TYPE		OPERATING MxN		COMMENTS
SP/PE	INSTRUCTION TYPE	PHYSICAL MxN	CSB SP/PE	
0	SP ONLY INSTRUCTION	1x1	0 0	SP INSTRUCTIONS USE ONLY THE SP'S CONTEXT-0 REGISTER FILES
1	PE ONLY INSTRUCTION	1x1	0 1	PE INSTRUCTIONS USE ONLY THE PE0'S REGISTER FILES
		1x1	1 0	SP INSTRUCTIONS USE ONLY THE PE0'S CONTEXT-1 REGISTER FILES
		1x1	1 1	PE INSTRUCTIONS TYPICALLY NOT USED
		1x2	0 0	SP INSTRUCTIONS USE ONLY THE SP'S CONTEXT-0 REGISTER FILES
		1x2	0 1	PE INSTRUCTIONS USE ONLY THE PE0'S AND PE1'S REGISTER FILES
		1x2	1 0	SP INSTRUCTIONS USE ONLY THE PE0'S CONTEXT-1 REGISTER FILES
		1x2	1 1	PE INSTRUCTIONS USE ONLY THE PE1'S REGISTER FILES
		1x5	0 0	SP INSTRUCTIONS USE ONLY THE SP'S CONTEXT-0 REGISTER FILES
		1x5	0 1	PE INSTRUCTIONS USE ONLY THE PE0-4'S REGISTER FILES
		1x5	1 0	SP INSTRUCTIONS USE ONLY THE PE0'S CONTEXT-1 REGISTER FILES
		1x5	1 1	PE INSTRUCTIONS USE ONLY THE PE1-4'S REGISTER FILES